

# Pressbooks Accessibility Conformance Report

## WCAG Edition

(Based on VPAT<sup>®</sup> Version 2.5)

**Name of Product/Version:** Pressbook sample book Hypothesis v. embedded into the Canvas environment

**Report Date:** February 10, 2025

**Product Description:** A web-based annotation tool

**Contact Information:**

**Evaluation Methods Used:** Testing was conducted by the Inclusive Design Research Centre at OCAD University. Testing was done on the following browsers: Firefox 133, Safari 18.2, and Chrome 131. Tools used for testing include: NVDA 2024.4 screen reader, VoiceOver screen reader, WebAIM Wave Toolbar, aXe (The Accessibility Engine), Nu HTML checker, TPG Colour Contrast Analyzer.

# Applicable Standards/Guidelines

This report covers the degree of conformance for the following accessibility standard/guidelines:

Standard/Guideline	Included In Report
<a href="#">Web Content Accessibility Guidelines 2.0</a>	Level A (Yes / No ) Level AA (Yes / No ) Level AAA (Yes / No )
<a href="#">Web Content Accessibility Guidelines 2.1</a>	Level A (Yes / No ) Level AA (Yes / No ) Level AAA (Yes / No )
<a href="#">Web Content Accessibility Guidelines 2.2</a>	Level A (Yes / No ) Level AA (Yes / No ) Level AAA (Yes / No )

## Terms

The terms used in the Conformance Level information are defined as follows:

- **Supports:** The functionality of the product has at least one method that meets the criterion without known defects or meets with equivalent facilitation.
- **Partially Supports:** Some functionality of the product does not meet the criterion.
- **Does Not Support:** The majority of product functionality does not meet the criterion.
- **Not Applicable:** The criterion is not relevant to the product.
- **Not Evaluated:** The product has not been evaluated against the criterion. This can only be used in WCAG Level AAA criteria.

## WCAG 2.2 Report

Note: When reporting on conformance with the WCAG 2.2 Success Criteria, they are scoped for full pages, complete processes, and accessibility-supported ways of using technology as documented in the [WCAG 2.2 Conformance Requirements](#).

## Table 1: Success Criteria, Level A

Notes: The review is based on performing the following tasks:

- Exploring annotations (e.g., reading, searching, etc.).
- Interacting with annotations (e.g., replying, sharing, etc.).
- Creating annotations (e.g., highlighting content and attaching annotations to highlights and/or pages)
- Creating and grading a hypothesis assignment (hypothesis parts of flows only).

Criteria	Conformance Level	Remarks and Explanations
<a href="#">1.1.1 Non-text Content</a> (Level A)	Supports	All images within the Hypothesis tool have proper text alternatives.
<a href="#">1.2.1 Audio-only and Video-only (Prerecorded)</a> (Level A)	Not applicable	Hypothesis does not contain audio-only or video-only content.
<a href="#">1.2.2 Captions (Prerecorded)</a> (Level A)	Not applicable	Hypothesis does not contain audio-visual content.
<a href="#">1.2.3 Audio Description or Media Alternative (Prerecorded)</a> (Level A)	Not applicable	Hypothesis does not contain audio-visual content.
<a href="#">1.3.1 Info and Relationships</a> (Level A)	Partially supports	<p>Information that is communicated visually within the tool is also present programmatically and can be perceived by assistive technologies, with the following two exception:</p> <p>Annotation article landmarks by the same person have the same title in the landmarks list, resulting in duplicate headings which may make it challenging to identify which annotation is which or to navigate by heading.</p> <p>There is a mismatch between the visually presented functionality of the applied “select nearby annotations” filters button and how it is communicated programmatically. Visually it is clear that the button indicates applied filters, and that pressing the button</p>

Criteria	Conformance Level	Remarks and Explanations
		removes the filter. On the other hand, the ARIA markup for the control presents it as a pressed button and it is not clear that un-pressing the button will remove it entirely from the interface.
<a href="#">1.3.2 Meaningful Sequence</a> (Level A)	Supports	The reading order of content is meaningful.
<a href="#">1.3.3 Sensory Characteristics</a> (Level A)	Supports	Instructions do not rely upon visual characteristics or sounds.
<a href="#">1.4.1 Use of Color</a> (Level A)	Supports	Information is not communicated through colour alone.
<a href="#">1.4.2 Audio Control</a> (Level A)	Not applicable	Hypothesis does not contain any automatically playing audio.
<a href="#">2.1.1 Keyboard</a> (Level A)	Partially supports	All functionality is accessible with a keyboard (when text selection with a keyboard is supported by the browser and/or assistive technology), with one exception:  Using the mouse it is possible to click on the annotation tile to highlight it within the body text and shift the view to the annotation. It is not possible to perform this action with the keyboard.
<a href="#">2.1.2 No Keyboard Trap</a> (Level A)	Supports	No keyboard traps observed.
<a href="#">2.1.4 Character Key Shortcuts</a> (Level A 2.1 and 2.2)	Supports	Single character keyboard shortcuts are available for highlighting and creating an annotation once text is selected, however these shortcuts are only available when the element is in focus.
<a href="#">2.2.1 Timing Adjustable</a> (Level A)	Supports	No time limits observed.
<a href="#">2.2.2 Pause, Stop, Hide</a> (Level A)	Not applicable	Hypothesis does not contain any moving, blinking or scrolling content.
<a href="#">2.3.1 Three Flashes or Below Threshold</a> (Level A)	Supports	Hypothesis does not contain any flashing content.
<a href="#">2.4.1 Bypass Blocks</a> (Level A)	Not applicable	Repeated navigation is minimal.
<a href="#">2.4.2 Page Titled</a> (Level A)	Not applicable	Only applicable to web pages.
<a href="#">2.4.3 Focus Order</a> (Level A)	Supports	The focus order of elements is logical.

Criteria	Conformance Level	Remarks and Explanations
<a href="#">2.4.4 Link Purpose (In Context)</a> (Level A)	Supports	Purpose of links is clear.
<a href="#">2.5.1 Pointer Gestures</a> (Level A 2.1 and 2.2)	Not applicable	Hypothesis does not make use of point-based gestures.
<a href="#">2.5.2 Pointer Cancellation</a> (Level A 2.1 and 2.2)	Supports	Actions are either executed on the up-event or can be cancelled, for example by moving the pointer to a new location.
<a href="#">2.5.3 Label in Name</a> (Level A 2.1 and 2.2)	Supports	Accessible names match visible labels.
<a href="#">2.5.4 Motion Actuation</a> (Level A 2.1 and 2.2)	Not applicable	Hypothesis does not make use of motion actuation.
<a href="#">3.1.1 Language of Page</a> (Level A)	Not applicable	Only applicable to full web pages.
<a href="#">3.2.1 On Focus</a> (Level A)	Supports	No changes were observed when elements receive focus.
<a href="#">3.2.2 On Input</a> (Level A)	Supports	No changes were observed when inputs or controls are used.
<a href="#">3.2.6 Consistent Help</a> (Level A 2.2 only)	Supports	Help appears consistently at the top of the Hypothesis panel.
<a href="#">3.3.1 Error Identification</a> (Level A)	Supports	An error is identified for URL inputs within the assignment creation flow.
<a href="#">3.3.2 Labels or Instructions</a> (Level A)	Partially supports	Labels are provided, with the following exceptions:  Annotation text boxes and reply text boxes are labelled visually with placeholder text only.
<a href="#">3.3.7 Redundant Entry</a> (Level A 2.2 only)	Not applicable	No requests for redundant information within a process observed.
<a href="#">4.1.1 Parsing</a> (Level A) WCAG 2.0 and 2.1 – Always answer ‘Supports’ WCAG 2.2 (obsolete and removed) - Does not apply	Supports	For WCAG 2.0 and 2.1, the September 2023 errata update indicates this criterion is always supported. See the <a href="#">WCAG 2.0 Editorial Errata</a> and the <a href="#">WCAG 2.1 Editorial Errata</a> .
<a href="#">4.1.2 Name, Role, Value</a> (Level A)	Partially supports	Custom elements have appropriate roles states and properties with one exception:

Criteria	Conformance Level	Remarks and Explanations
		An aria-pressed attribute is used for applied filters, but the button cannot be unpressed and so does not behave as a toggle.

**Table 2: Success Criteria, Level AA**

Notes:

Criteria	Conformance Level	Remarks and Explanations
<a href="#">1.2.4 Captions (Live)</a> (Level AA)	Not applicable	Hypothesis does not contain audio-visual content.
<a href="#">1.2.5 Audio Description (Prerecorded)</a> (Level AA)	Not applicable	Hypothesis does not contain audio-visual content.
<a href="#">1.3.4 Orientation</a> (Level AA 2.1 and 2.2)	Supports	Hypothesis supports both vertical and horizontal orientation.
<a href="#">1.3.5 Identify Input Purpose</a> (Level AA 2.1 and 2.2)	Not applicable	Inputs used do not have a standard input type that could be defined using an Autofill attribute.
<a href="#">1.4.3 Contrast (Minimum)</a> (Level AA)	Supports	Content meets contrast requirements with the exception of disabled controls, which are an exemption under this criterion.
<a href="#">1.4.4 Resize text</a> (Level AA)	Supports	The content is responsive and resizes well.
<a href="#">1.4.5 Images of Text</a> (Level AA)	Supports	Hypothesis does not contain images of text.
<a href="#">1.4.10 Reflow</a> (Level AA 2.1 and 2.2)	Partially Supports	Content can be increased to 400% without requiring horizontal scrolling within the hypothesis side bar.
<a href="#">1.4.11 Non-text Contrast</a> (Level AA 2.1 and 2.2)	Partially Supports	Non-text elements such as interactive icons have sufficient contrast with the background with one exception:  The collapse/expand toggle arrow is slightly below the 3:1 threshold (2.7:1)
<a href="#">1.4.12 Text Spacing</a> (Level AA 2.1 and 2.2)	Supports	Text spacing can be adjusted to increase line height to 1.5 the text size, line spacing to .12 the text size, and

Criteria	Conformance Level	Remarks and Explanations
		word spacing to .16 the text size. Spacing following paragraphs can be increased to twice the text size.
<a href="#">1.4.13 Content on Hover or Focus</a> (Level AA 2.1 and 2.2)	Supports	Annotation context menu is hoverable, persistent, and can be dismissed by using the Esc key.
<a href="#">2.4.5 Multiple Ways</a> (Level AA)	Not applicable	Although this criterion applies to entire websites, it is possible to find content through both navigation (annotation categories), and a search function.
<a href="#">2.4.6 Headings and Labels</a> (Level AA)	Supports	The text of headings and labels is clear and descriptive.
<a href="#">2.4.7 Focus Visible</a> (Level AA)	Supports	Focus is visible via the default browser indicator.
<a href="#">2.4.11 Focus Not Obscured (Minimum)</a> (Level AA 2.2 only)	Supports	Content is fully visible when it receives focus.
<a href="#">2.5.7 Dragging Movements</a> (Level AA 2.2 only)	Not applicable	No dragging movements observed.
<a href="#">2.5.8 Target Size (Minimum)</a> (Level AA 2.2 only)	Supports	Elements and their bounding boxes are at least 24 by 24 pixels.
<a href="#">3.1.2 Language of Parts</a> (Level AA)	Not evaluated	Hypothesis was only evaluated in English.
<a href="#">3.2.3 Consistent Navigation</a> (Level AA)	Not applicable	Only applicable to multi-page websites.
<a href="#">3.2.4 Consistent Identification</a> (Level AA)	Supports	Components that serve the same function are identified consistently.
<a href="#">3.3.3 Error Suggestion</a> (Level AA)	Supports	Error suggestions are provided for the URL input within the assignment creation flow.
<a href="#">3.3.4 Error Prevention (Legal, Financial, Data)</a> (Level AA)	Not applicable	No legal, financial or sensitive data required from users.
<a href="#">3.3.8 Accessible Authentication (Minimum)</a> (Level AA 2.2 only)	Not applicable	Login flow happens outside of the Hypothesis tool.
<a href="#">4.1.3 Status Messages</a> (Level AA 2.1 and 2.2)	Supports	Search results have a status role.

**Table 3: Success Criteria, Level AAA**

Notes:

Criteria	Conformance Level	Remarks and Explanations
<a href="#">1.2.6 Sign Language (Prerecorded)</a> (Level AAA)	Not Evaluated	
<a href="#">1.2.7 Extended Audio Description (Prerecorded)</a> (Level AAA)	Not Evaluated	

Criteria	Conformance Level	Remarks and Explanations
<a href="#">1.2.8 Media Alternative (Prerecorded)</a> (Level AAA)	Not Evaluated	
<a href="#">1.2.9 Audio-only (Live)</a> (Level AAA)	Not Evaluated	
<a href="#">1.3.6 Identify Purpose</a> (Level AAA 2.1 and 2.2)	Not Evaluated	
<a href="#">1.4.6 Contrast (Enhanced)</a> (Level AAA)	Not Evaluated	
<a href="#">1.4.7 Low or No Background Audio</a> (Level AAA)	Not Evaluated	
<a href="#">1.4.8 Visual Presentation</a> (Level AAA)	Not Evaluated	
<a href="#">1.4.9 Images of Text (No Exception)</a> (Level AAA)	Not Evaluated	
<a href="#">2.1.3 Keyboard (No Exception)</a> (Level AAA)	Not Evaluated	
<a href="#">2.2.3 No Timing</a> (Level AAA)	Not Evaluated	
<a href="#">2.2.4 Interruptions</a> (Level AAA)	Not Evaluated	
<a href="#">2.2.5 Re-authenticating</a> (Level AAA)	Not Evaluated	
<a href="#">2.2.6 Timeouts</a> (Level AAA 2.1 and 2.2)	Not Evaluated	
<a href="#">2.3.2 Three Flashes</a> (Level AAA)	Not Evaluated	
<a href="#">2.3.3 Animation from Interactions</a> (Level AAA 2.1 and 2.2)	Not Evaluated	
<a href="#">2.4.8 Location</a> (Level AAA)	Not Evaluated	
<a href="#">2.4.9 Link Purpose (Link Only)</a> (Level AAA)	Not Evaluated	
<a href="#">2.4.10 Section Headings</a> (Level AAA)	Not Evaluated	
<a href="#">2.4.12 Focus Not Obscured (Enhanced)</a> (Level AAA 2.2 only)	Not Evaluated	
<a href="#">2.4.13 Focus Appearance</a> (Level AAA 2.2 only)	Not Evaluated	
<a href="#">2.5.5 Target Size</a> (Level AAA 2.1 and 2.2)	Not Evaluated	
<a href="#">2.5.6 Concurrent Input Mechanisms</a> (Level AAA 2.1 and 2.2)	Not Evaluated	
<a href="#">3.1.3 Unusual Words</a> (Level AAA)	Not Evaluated	
<a href="#">3.1.4 Abbreviations</a> (Level AAA)	Not Evaluated	
<a href="#">3.1.5 Reading Level</a> (Level AAA)	Not Evaluated	
<a href="#">3.1.6 Pronunciation</a> (Level AAA)	Not Evaluated	
<a href="#">3.2.5 Change on Request</a> (Level AAA)	Not Evaluated	
<a href="#">3.3.5 Help</a> (Level AAA)	Not Evaluated	



Criteria	Conformance Level	Remarks and Explanations
<a href="#">3.3.6 Error Prevention (All)</a> (Level AAA)	Not Evaluated	
<a href="#">3.3.9 Accessible Authentication (Enhanced)</a> (Level AAA 2.2 only)	Not Evaluated	

## Legal Disclaimer (Company)

This Voluntary Product Accessibility Template (VPAT) is provided solely as an informational tool to assist customers and potential customers in evaluating the accessibility features of the Hypothesis LMS application. The information contained in this VPAT represents Annotation Unlimited, PBC's good faith efforts to comply with the accessibility standards referenced herein. While we strive to provide accurate and up-to-date information, Annotation Unlimited, PBC makes no warranties, express or implied, regarding the completeness, accuracy, or applicability of the VPAT, nor does it guarantee that the product meets any specific legal or regulatory standards of accessibility.

The VPAT reflects product accessibility under specific conditions and may not account for all possible usage scenarios. Users should assess the product's suitability for their accessibility needs. Annotation Unlimited, PBC disclaims any liability for errors or omissions in the VPAT and any decisions made based on its information. Annotation Unlimited, PBC reserves the right to update or change product specifications and the corresponding VPAT documentation at any time, without notice.

By using this VPAT, you acknowledge that it does not constitute a warranty of any kind, including, but not limited to, warranties of merchantability or fitness for a particular purpose. Any reliance you place on the VPAT is strictly at your own risk. For the most current information regarding the accessibility of the Hypothesis LMS application, please contact Annotation Unlimited, PBC directly.